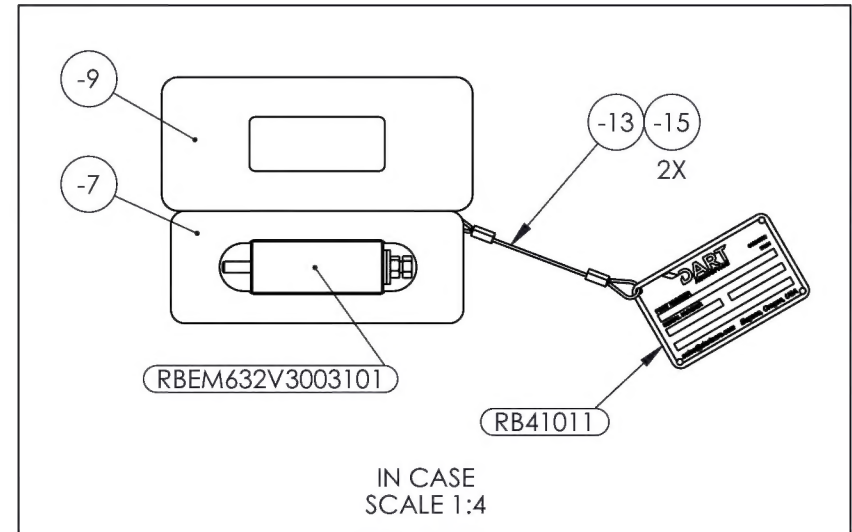
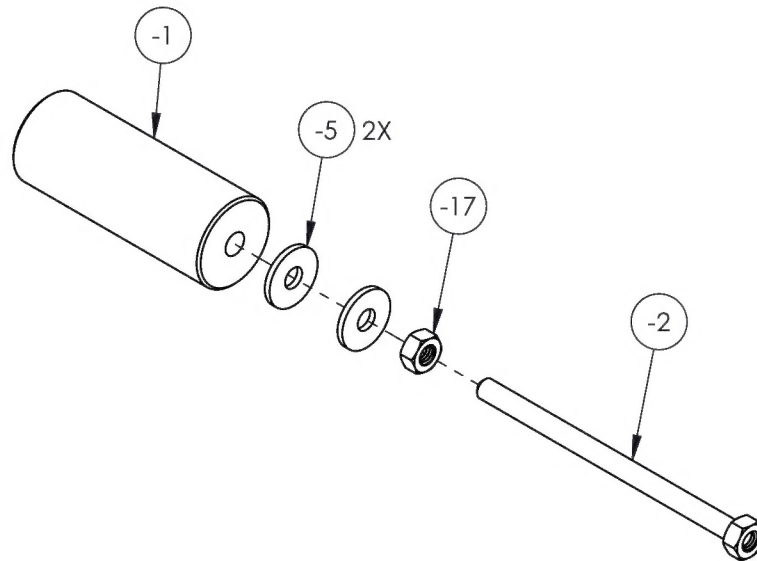


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	4/21/2016	DPD	JAG
2	16-0136	-7 -9 CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220, BLACK. CH'D VENDOR WAS I.R. SPECIALTY IS CASE SOLUTIONS. -7 CH'D DIMS WAS 1.10 IS 1.00, WAS .68 IS .58, WAS .92 IS .82. ADDED DIM 4X 45°, 4X .40, REMOVED DIM 4X R .10. -9 ADDED DIMS 4X 45°, 4X .40, .10, 4X R .13, .83, 1.96, 1.83, 4.65, REMOVED DIM 4X R .25.	9/1/2016	DEW	JAG
3	17-0001	-2 ADDED WLEDMENT & DRAWING. -3 CH'D PART WAS HEX HEAD CAP SCREW #91280A354 IS MANUFACTURED PART ADDED DRAWING. -7 CH'D CUTOUT TO ACCOMODATE CHANGES MADE TO -3. -17 ADDED TO BOM.	1/31/2017	RJC	JAG



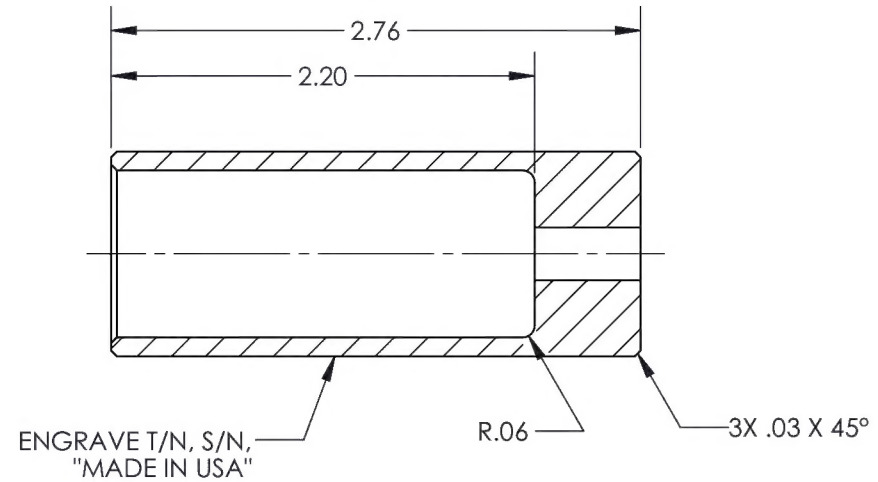
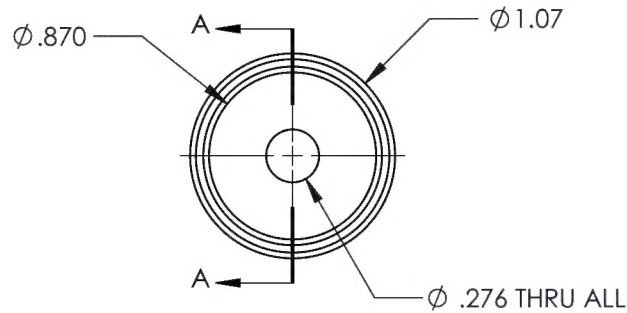
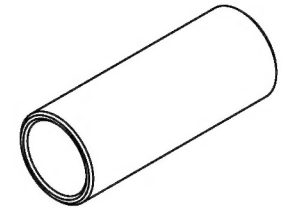
NOTE:
REF. EUROCOPTER T/N: M632V3003101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	EXTRACTOR TUBE	STEEL		2
	X		-2	1	BOLT WELDMENT			3
	1		-3		THREADED ROD	STEEL, CLASS 12.9	M6x1 X 100mm (MCMaster-CARR #1077N11) MODIFIED	4
		B/O	-5	2	OVERSIZED WASHER	STEEL	M6, Ø6.4mm I.D. X Ø18mm O.D. (MCMaster-CARR #91100A150)	1
		B/O	-7	1	BOTTOM FOAM	ETHAFOAM 220, BLACK	1.21 X 2.34 X 6.09 (CASE SOLUTIONS)	4
		B/O	-9	1	TOP FOAM	ETHAFOAM 220, BLACK	.73 X 2.79 X 6.48 (CASE SOLUTIONS)	5
		B/O	-11	1	CASE	PLASTIC	PELICAN #APP-1030-E	N/S
		B/O	-13	1	LANYARD	COATED STEEL	Ø1/16 X 4 (CARR LANE #CL-2-C)	1
		B/O	-15	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 (MCMaster-CARR #3896T31)	1
	1	B/O	-17	1	HEX NUT	STEEL CLASS 12	M6 X 1 (MCMaster-CARR #94223A101)	1
		B/O		1	DART PLACARD	ALUMINUM	RB41011	1
	ASSY -2							

DART AEROSPACE	
TITLE DRIVING PIN EXTRACTOR	
DWG NO. RBEM632V3003101	
REV 3	
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125/✓
HEAT TREAT	
FINISH	
SPEC	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:2
DATE	3/16/2016
USED ON MODEL H175	
SHEET 1 OF 6	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



SECTION A-A

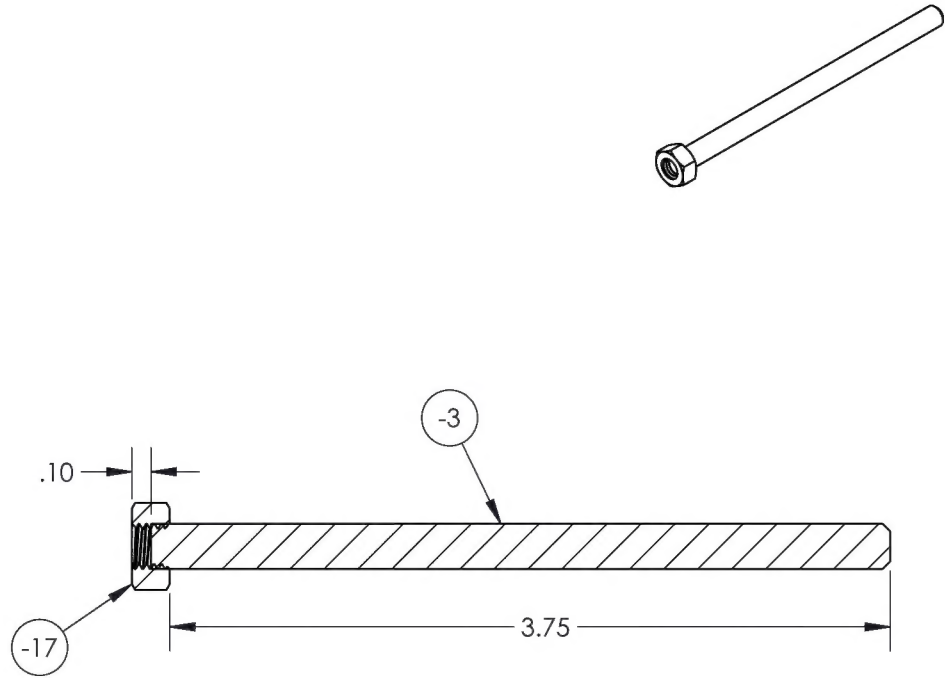
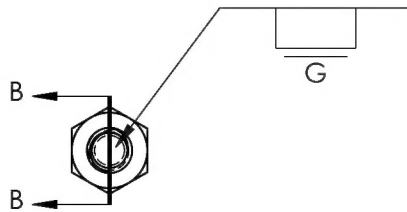
(1)

EXTRACTOR TUBE

DART AEROSPACE	
TITLE DRIVING PIN EXTRACTOR	
DWG NO. RBEM632V3003101-1	REV 3
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125/✓
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 3/16/2016	USED ON MODEL
	H175
	SHEET 2 OF 6

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	17-0001	-2 ADDED WLEDMENT & DRAWING.	1/31/2017	RJC	JAG



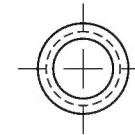
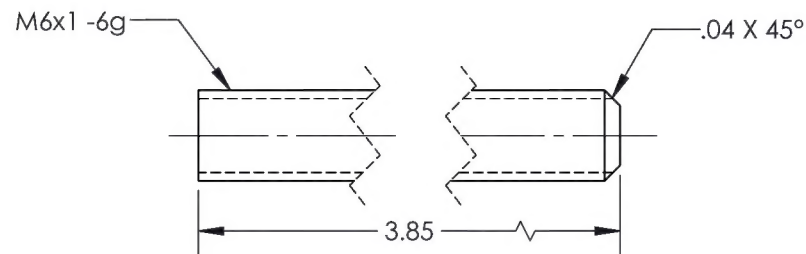
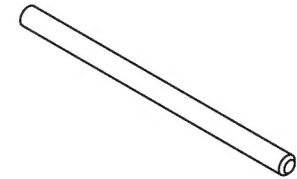
SECTION B-B

(-2)
BOLT WELDMENT

DART AEROSPACE	
TITLE DRIVING PIN EXTRACTOR	
DWG NO. RBEM632V3003101-2	REV 3
MAT'L ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED:	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR:	USED ON MODEL
QA APPR:	H175
APPROVED:	
SCALE 1:1	DATE 1/31/2017
SHEET 3 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	17-0001	-3 CH'D PART WAS HEX HEAD CAP SCREW #91280A354 IS MANUFACTURED PART ADDED DRAWING.	1/31/2017	RJC	JAG



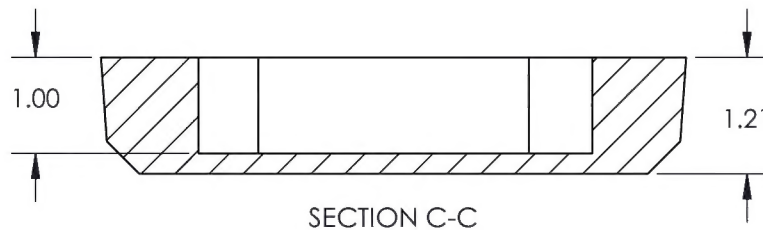
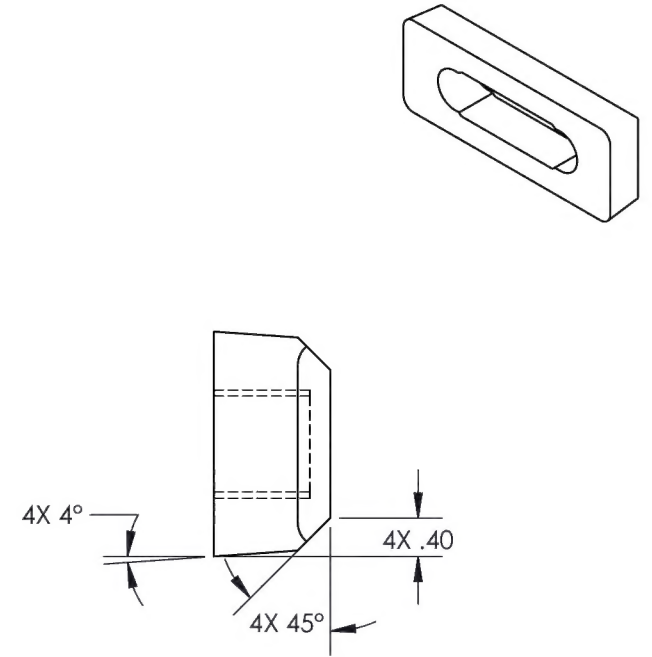
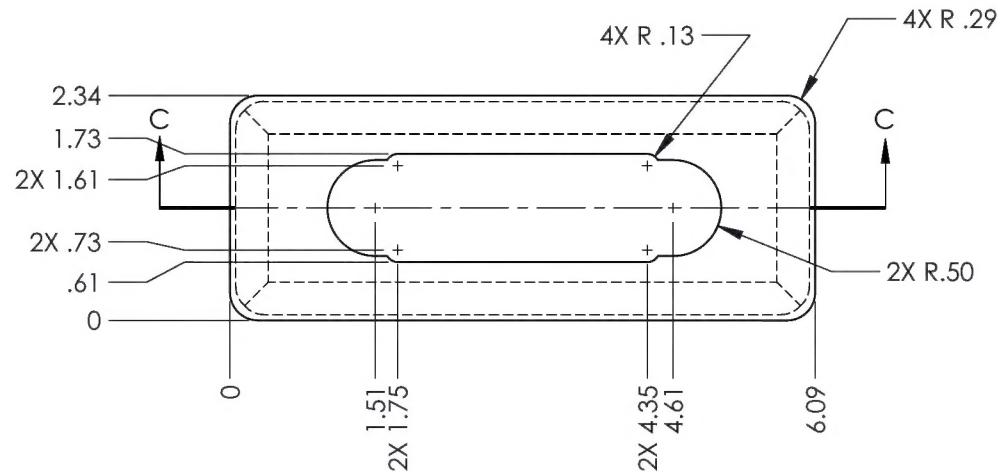
(-3)

THREADED ROD

DART AEROSPACE	
TITLE DRIVING PIN EXTRACTOR	
DWG NO. RBEM632V3003101-3	REV 3
MAT'L STEEL, CLASS 12.9	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -2	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: CLOUGH	.X ± .1 SURFACES = 125°
CHECKED:	1. BREAK ALL SHARP EDGES
OPPS APPR:	.015 x 45° OR .015R
QA APPR:	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
APPROVED:	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 2:1	USED ON MODEL
DATE 1/16/2017	H175
SHEET 4 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0136	-7 CH'D DIMS WAS 1.10 IS 1.00, WAS .68 IS .58, WAS .92 IS .82. ADDED DIM 4X 45°, 4X .40. REMOVED DIM 4X R .10. CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220, BLACK.	9/1/2016	DEW	JAG
3	17-0001	-7 CH'D CUTOUT TO ACCOMMODATE CHANGES MADE TO -3.	1/31/2017	RJC	JAG

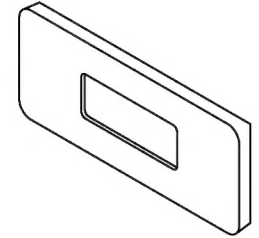
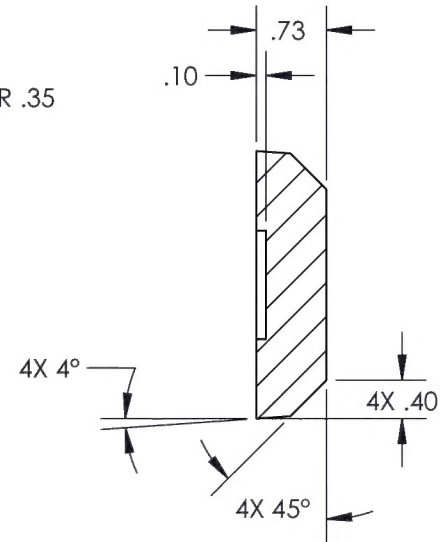
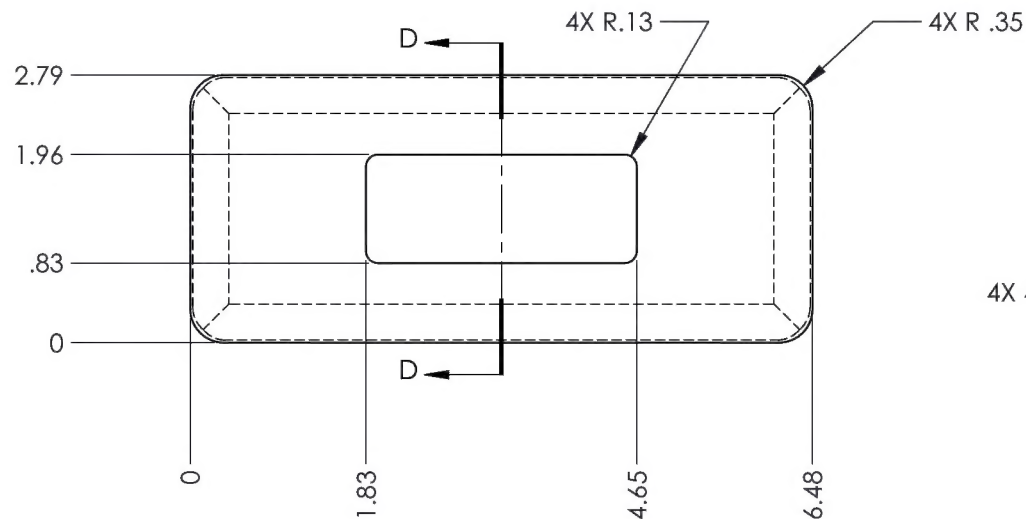


(-7)
BOTTOM FOAM

DART AEROSPACE	
TITLE DRIVING PIN EXTRACTOR	
DWG NO. RBEM632V3003101-7	REV 3
MAT'L ETHAFOAM 220, BLACK TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL H175
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:2	DATE 3/16/2016
SHEET 5 OF 6	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0136	-9 ADDED DIMS 4X 45°, 4X .40, .10, 4X R .13, .83, 1.96, 1.83, 4.65. REMOVED DIM 4X R .25. CH'D MAT'L WAS Y20 BLACK IS ETHAFOAM 220, BLACK.	9/1/2016	DEW	JAG



(-9)
TOP FOAM

DART AEROSPACE	
TITLE DRIVING PIN EXTRACTOR	
DWG NO. RBEM632V3003101-9	REV 3
MAT'L ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
.XX ± .03 ANGLES ± 1°	
.X ± .1 SURFACES = 125°	
SPEC	
1. BREAK ALL SHARP EDGES	
.015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY	
AFTER PLATING	
3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	
H175	
SCALE 1:2	DATE 3/16/2016
SHEET 6 OF 6	